Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 27 Dec 2023 until 23:59 on Thursday 28 Dec 2023

Forecast Issued on Tuesday 26 Dec 2023 at 13:06

Confidence: High confidence for unsettled conditions, lower confidence for detail towards the end of the week.

Headline for Wednesday 27 Dec 2023: Very wet and windy on Wednesday, improving into the evening.

Mountain weather hazards on Wednesday 27 Dec 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Partly cloudy (night)	Heavy rain showers (night)
Precipitation probability							
40%	80%	80%	60%	60%	60%	30%	40%

Forecast for Wednesday 27 Dec 2023

Weather: Heavy rain will push up from the southwest during the early hours, accompanied by strong winds. This will mostly persist until late afternoon but with some slightly drier interludes late morning. Drier with clear spells for a time into the evening before heavy rain and hail showers push in from the west late evening.

Chance of cloud-free hill tops above 600m: 20-30%, improving to 80% for a time late afternoon/evening.

Low cloud and visibility: Scattered or broken cloud base 500-700m, clearing late afternoon, further cloud base 500-700m later in association with showers. Visibility moderate or poor in heavy rain and hill fog, good in drier interludes later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 27 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/32 SE	28/37 SE	25/32 SE	33/43 S	38/51 S	31/42 SW	28/39 SW	33/46 SW	39/55 SW
300	18/28 SE	23/34 SE	22/33 SE	27/38 S	30/43 S	24/35 SW	21/31 SW	26/40 SW	33/50 SW
Valley	7/18 E	14/30 SE	16/33 SE	18/38 SE	20/43 S	16/35 SW	13/30 SW	17/37 SW	22/47 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	1/-6	2/-4	6/0	8/2	7/1	4/-3	3/-4	2/-5
300	4/-0	4/-2	5/-0	8/4	10/6	9/5	6/2	6/-0	5/-1
Valley	5/2	4/-0	5/0	8/5	11/7	9/6	7/3	6/1	6/0
Freezing Level*	900m	1400m	1600m	2300m	2100m	1600m	1100m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds and heavy rain will cause hazardous conditions for much of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 26 Dec 2023	7.8mm	11.5mm	37mm

Forecast for Thursday 28 Dec 2023

Weather: Scattered heavy showers are expected throughout much of the day on Thursday accompanied by strong winds. Becoming drier and brighter into the evening.

Maximum wind: Southwesterly 20-30 mph gusting 40-50 mph

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Few or scattered low cloud base 600-800m. Visibility moderate or poor in showers, otherwise good.

Temperature: **Valleys:** Plus 6 or 7 Celsius
At 600m: Plus 3 to 5 Celsius
Freezing level: 1000-1200m

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